

books OF THE WEEK

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PSYCHIATRY AND THE COMMUNITY IN NINETEENTH-CENTURY AMERICA: The Recurring Concern with the Environment in the Prevention and Treatment of Mental Illness—Ruth B. Caplan with Gerald Caplan—Basic Bks., 1969, 360 p., \$10. A scholarly history of psychiatric ideas and practices in the 19th century, tracing the development of concepts from the early "moral treatment," through custodial-care emphasis to the reform movement and its influence.

REFERENCE BOOKS FOR SMALL AND MEDIUM-SIZED PUBLIC LIBRARIES—Compiled by Basic Reference Books Committee, ALA; Mary C. Barter, Chmn.—Am. Lib. Assn., 1969, 185 p., paper, \$4.50. Evaluative and bibliographic information about adult reference books arranged in 17 subject categories.

REIN CONTROL, OR UNIDIRECTIONAL RATE SENSITIVITY, A FUNDAMENTAL DYNAMIC AND ORGANIZING FUNCTION IN BIOLOGY—Manfred Clynes, Ed.—N.Y. Acad. of Sciences, Annals, Vol. 156, Art. 2, 1969, 341 p., illus., paper, \$17. Monograph discusses aspects relating to brain function, the physiological code of information processing and the consequent physiological basis of language.

RELATIVISTIC PLASMAS: The Coral Gables Conference—Oscar Buneman and William B. Pardo, Eds.—Benjamin, 1969, 249 p., diagrams, \$13.50. Papers deal with speculative ideas, analyses and discussion concerning covariant dispersion theory, energy and momentum of waves, supraluminous plasma waves, and electron-cyclotron heating.

THE SECOND GENESIS: The Coming Control of Life—Albert Rosenfeld—Prentice-Hall, 1969, 327 p., \$6.95. The author brings together what

research has found out and speculates on such trends as fabrication of the individual, exploration of prenativity, and control of brain and behavior.

SPACE: The Story of Man's Greatest Feat of Exploration—Patrick Moore—Natural Hist. Press, 1969, 216 p., photographs, illus. by David A. Hardy, \$12.95. First published in England (1968), the book reviews in word and picture the story of space exploration, from early theories to the Apollo program.

SYMMETRY PRINCIPLES AT HIGH ENERGY: Fifth Coral Conference, Jan. 24-26, 1968—Arnold Perlmutter, C. Angus Hurst and Behram Kursunoglu, Eds.—Benjamin, 1969, 383 p., \$13.50. Reports on results of work on the use of symmetry principles for the elucidation of the nature of the fundamental laws governing the behavior of elementary particles, including attempts to explain the deeper mystery of broken symmetries.

SYNTHESIS OF POLYMERS BY POLYCONDENSATION—L. B. Sokolov, transl. from Russian by J. Schmorak—IPST (Davey, Daniel) 1969, 260 p., diagrams, \$17.50. Deals with the general relationships governing polycondensation processes and particular features such as polycondensation in the melt, in solution, in emulsion and in the solid phase.

TIME AND THE PHYSICAL WORLD—Richard Schlegel—Dover, 1968, 211 p., paper, \$2.25. Reprint (1961), discusses time as an aspect of the natural universe, time's direction, reversible and irreversible processes, relative motion, clocks and special relativity, and the effects of quantum theory on the time concept.

TROUBLESHOOTERS' HANDBOOK FOR MECHANICAL SYSTEMS—Robert Henderson Emerick—McGraw-Hill, 1969, 510 p., \$12.50. Provides engineers and other practitioners with information on how to eliminate malfunctioning in mechanical equipment and systems.

TO WALK THE STREETS SAFELY: The Role of Modern Science and Technology in Our Criminal Justice System—James H. Scheuer—Doubleday, 1969, 236 p., \$5.95. Suggests harnessing advanced technology to strengthen methods for the prevention of crime and law enforcement.

TWENTIETH CENTURY DISCOVERY—Isaac Asimov—Doubleday, 178 p., \$4.95. Deals with the scientific exploration of insects and insect control, the origin of life, the structure of matter, the solar system, and space probes.

UNITED ARAB REPUBLIC EGYPT: Its People, Its Society, Its Culture—Donald N. Wilber with Fahim I. Qubain and Helene L. Boatner—HRAF Press (Tapiinger), 1969, 461 p., maps., \$11. An extensive revision of EGYPT, a Survey published in 1957, the emphasis in this volume is on the changes and the impact of Arab socialism since 1952.

URBAN DYNAMICS—Jay W. Forrester—M.I.T. Press, 1969, 285 p., diagrams, \$12.50. A computer-aided quantitative analysis of the variables of urban growth and decay, examines the complexities of the city as a living, self regulating system which generates its own evolution.

THE URBAN GUERRILLA—Martin Oppenheimer—Quadrangle Bks., 1969, 188 p., \$5.50. Sociologist examines collective behavior in revolutionary protest, methods of protest (rural and urban), paramilitary activities in urban areas, insurrection and non-violent alternatives.

THE WORLD OF DRAGONFLIES AND DAMSELFLIES—Ross E. Hutchins—Dodd, 1969, 127 p., photographs by author, \$3.75. Entomologist-photographer's close-up study of the biology and ways of life of the graceful insects in their watery world.

THE ZOOLOGY OF TROPICAL AFRICA—J. L. Cloudsley-Thompson—Norton, 1969, 355 p., 32 plates, illus., \$12.50. On account of Africa's geological antiquity, evolution resulted in extreme specialization of animals to different types of habitats. This book describes the ecological and physiological adaptations of animals to the variety of environments found in tropical Africa—rain forest, savanna, scrubs and desert, rivers, lakes, swamps and coral reef.

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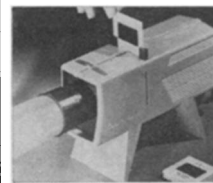
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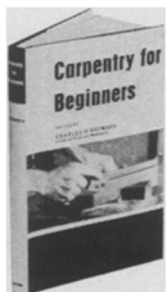


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